

## Lab 2015 peristaltic pump



- ABS case
- Colour display with animation
- Scratch resistant touch screen
- Calibration function for greater accuracy
- Possibility of adjusting the volume to be dispensed as well as the dispensing time
- Programmable pump start and stop time
- Stores settings in case of power failure
- Fan speed controlled by pump temperature
- Flow rate from 0.007 to 380 ml/min depending on hose

|                                   |                       |
|-----------------------------------|-----------------------|
| Flow rate (ml/min)                | 0.007-380             |
| Adjustable speed range (rpm)      | 0.1 - 100             |
| Speed increment (rpm)             | 0.01                  |
| Ambient temperature accepted (°C) | 0 - 40                |
| Accepted relative humidity        | < 80 %                |
| Power consumption (watts)         | < 50                  |
| Power supply                      | 200-240 V, 50/60 Hz   |
| Sealing standard                  | IP31                  |
| Dimensions W x D x H (mm)         | 15.73 x 26.14 x 23.69 |
| Weight (kg)                       | 4.4                   |
| Cat. No.                          | 129311                |
| €                                 | N/A -                 |

### Silicone tubing

| Cat. No. | Model | Inn. Ø (mm) | Thickness (mm) | out. Ø (mm) | Flow rate (ml/min)* | Long. (m) | €     |
|----------|-------|-------------|----------------|-------------|---------------------|-----------|-------|
| 129303   | # 13  | 0.8         | 1.6            | 4           | 0.007 - 7           | 15        | N/A - |
| 129304   | # 14  | 1.6         | 1.6            | 4.8         | 0.027 - 27          | 15        | N/A - |
| 129305   | # 19  | 2.4         | 1.6            | 5.6         | 0.055 - 55          | 15        | N/A - |
| 129306   | # 16  | 3.1         | 1.6            | 6.3         | 0.082 - 82          | 15        | N/A - |
| 129307   | # 25  | 4.8         | 1.6            | 8           | 0.17 - 170          | 15        | N/A - |
| 129308   | # 17  | 6.4         | 1.6            | 9.6         | 0.29 - 290          | 15        | N/A - |
| 129309   | # 18  | 7.9         | 1.6            | 11.1        | 0.38 - 380          | 15        | N/A - |

\* For a speed between 0.5 and 150 rpm.

## LabF and LaBV Peristaltic Pumps



129325

129330

| Model   | Lab F1/V1             | Lab F3/V3   | Lab F6/V6   |       |          |       |
|---|-----------------------|-------------|-------------|-------|----------|-------|
| Flow rate (ml / min)                          | 0.07 - 570            | 0.07 - 1330 | 0.07 - 2280 |       |          |       |
| Adjustable speed range (rpm)                  | 1 - 150               | 1 - 350     | 1 - 600     |       |          |       |
| Speed increment (rpm)                         | 0.01                  |             |             |       |          |       |
| Dispensing volume range (ml)                  | 0.1 - 9999.99         |             |             |       |          |       |
| Dispensing volume increment (ml)              | 0.01                  |             |             |       |          |       |
| Dispensing time (sec)                         | 0.5 - 9999.99         |             |             |       |          |       |
| Pause time (sec)                              | 0.5 - 9999.99         |             |             |       |          |       |
| Time increment (sec)                          | 0.01                  |             |             |       |          |       |
| Number of repetitions of the dispensing cycle | 1 - 9999, or infinity |             |             |       |          |       |
| Dispensing accuracy                           | < ±0.5%               |             |             |       |          |       |
| Ambient temperature accepted (°C)             | 0 - 40                |             |             |       |          |       |
| Accepted relative humidity                    | < 80%                 |             |             |       |          |       |
| Power consumption (W)                         | < 50                  |             |             |       |          |       |
| Power supply                                  | 220 V, 50/60 Hz       |             |             |       |          |       |
| Dimensions W x D x H (mm)                     | 15.73 x 26.41 x 23.69 |             |             |       |          |       |
| Weight (kg)                                   | 4.4                   |             |             |       |          |       |
| No. of single-channel heads                   | 1                     | 2           | 4           |       |          |       |
| Pump  | Cat. No.              | €           | Cat. No.    | €     | Cat. No. | €     |
| LabF1   | 129327                | N/A -       | 129328      | N/A - | 129329   | N/A - |
| LabF3   | 129330                | N/A -       | 129331      | N/A - | -        | -     |
| LabF6   | 129333                | N/A -       | 129334      | N/A - | 129335   | N/A - |
| LabV1   | 129319                | N/A -       | 129320      | N/A - | 129318   | N/A - |
| LabV3   | 129321                | N/A -       | 129322      | N/A - | -        | -     |
| LabV6   | 129324                | N/A -       | 129325      | N/A - | 129326   | N/A - |

- Common features of the LabF and LabV series
- Each series is available in 3 different versions depending on the range of flow rates
- LCD colour touch screen 4.3"
- Dispensing volume, dispensing time, pause time and setting parameters are displayed on the same screen
- Adjustable dispensing parameters: volume, duration, pause time and number of repetitions
- Calibration function for greater accuracy
- Fast running function for rinsing and filling the hose
- RS232 and RS485 communication port f or MODBUS protocol control
- Storage of parameters in case of power failure
- ABS case
- Available in 1, 2 or 4 single-channel heads
- Control pedal included for each pump
- LabF Series
- 60 storable dispensing programs
- Control of start and stop functions by foot pedal or computer via the communication port
- LabV Series
- Control of start, stop and direction of rotation by foot pedal
- Numerous functions controllable via programming to meet industrial requirements
- Programmable pump start and stop time
- Fixed dispensing volume function with the possibility of changing the flow rate during dispensing

Also available with multi-channel heads, consult us



### Silicone tubing

| Tubing | Inn./out. Ø (mm) | Thickness (mm) | Flow rate (ml/min) |              |            | Cat. No. | €     |
|--------|------------------|----------------|--------------------|--------------|------------|----------|-------|
|        |                  |                | F1 / V1            | F3 / V3      | F6 / V6    |          |       |
| #13    | 0.8 / 4          | 1.6            | 0.07 - 10.5        | 0.07 - 24.5  | 0.07 - 42  | 129303   | N/A - |
| #14    | 1.6 / 4.8        | 1.6            | 0.27 - 40.5        | 0.27 - 94.5  | 0.27 - 162 | 129304   | N/A - |
| #19    | 2.4 / 5.6        | 1.6            | 0.55 - 82.5        | 0.55 - 192.5 | 0.55 - 330 | 129305   | N/A - |
| #16    | 3.1 / 6.3        | 1.6            | 0.82 - 123         | 0.82 - 287   | 0.82 - 492 | 129306   | N/A - |
| #25    | 4.8 / 8          | 1.6            | 1.7 - 255          | 1.7 - 595    | 1.7 - 1020 | 129307   | N/A - |
| #17    | 6.4 / 9.6        | 1.6            | 2.9 - 435          | 2.9 - 1015   | 2.9 - 1740 | 129308   | N/A - |
| #18    | 7.9 / 11.1       | 1.6            | 3.8 - 570          | 3.8 - 1330   | 3.8 - 2280 | 129309   | N/A - |